

9 pages

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| S1 | 14 | US-4529451-\$.DID. OR US-4766548-\$.DID. OR US-5091713-\$.DID. OR US-5142694-\$.DID. OR US-5708963-\$.DID. OR US-5844808-\$.DID. OR US-5892900-\$.DID. OR US-5910987-\$.DID. OR US-5924081-\$.DID. OR US-5949876-\$.DID. OR US-5958869-\$.DID. OR US-6038551-\$.DID. OR US-6061668-\$.DID. OR US-6073134-\$.DID. | USPAT | OR | ON | 2004/07/26 12:46 |
| S2 | 1 | ("5959869").PN. | USPAT; USOCR | OR | OFF | 2004/07/23 12:54 |
| S3 | 5 | "6061668".URPN. | USPAT | OR | ON | 2005/03/08 14:41 |
| S4 | 26 | ("T104003" "3383467" "3858181" "4412282" "4418333" "4510778" "4555639" "4999763" "5091713" "5225977" "5280423" "5386362" "5390385" "5412291" "5424940" "5450938" "5570085" "5586174" "5600310" "5619614" "5694323" "5757643" "5777895" "5799281" "5859778" "5997170").PN. | USPAT | OR | ON | 2004/07/23 16:00 |
| S5 | 1 | rolling near2 (nonce or secret) | USPAT | OR | ON | 2005/03/08 15:03 |
| S6 | 120 | direction\$2 near3 code same message | USPAT | OR | ON | 2004/07/23 17:00 |
| S7 | 67 | (direction\$2 near3 code same message) and (encrypt\$3 or encod\$3 or authenticat\$3) | USPAT | OR | ON | 2005/03/08 15:05 |
| S8 | 16 | (direction\$2 near3 code same message) and (authenticat\$3 or integrity) | USPAT | OR | ON | 2005/03/08 15:06 |
| S9 | 6478 | 713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. | US-PGPUB; USPAT | OR | ON | 2004/07/26 13:24 |

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| S10 | 1082 | 713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3) | US-PGPUB; USPAT | OR | ON | 2004/07/26 13:24 |
| S11 | 723 | (713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1) | US-PGPUB; USPAT | OR | ON | 2004/07/26 13:24 |
| S12 | 5 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) and ((center or central) near2 (control\$3 or manag\$5)) | US-PGPUB; USPAT | OR | ON | 2005/03/08 15:25 |
| S13 | 264 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((sequence near2 (value or number)) or counter) | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:37 |
| S14 | 37 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((sequence near2 (value or number)) or counter)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:37 |
| S10 2 | 9 | "6061668".URPN. | USPAT | OR | ON | 2005/03/08 14:41 |
| S10 3 | 6 | rolling near2 (nonce or secret) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 15:03 |

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| S10 4 | 27 | (direction\$2 near3 code same message) and (authenticat\$3 or integrity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 15:06 |
| S10 5 | 5 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) and ((center or central) near2 (control\$3 or manag\$5)) | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:54 |
| S10 6 | 46 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((sequence near2 (value or number)) or counter)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) | US-PGPUB; USPAT | OR | ON | 2005/03/08 15:28 |
| S10 7 | 64 | "sequence number" with checksum with message\$1 | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:56 |
| S10 8 | 158 | "sequence number" with (hash or mac or encrypt\$3) with message\$1 | US-PGPUB; USPAT | OR | ON | 2005/03/16 17:44 |
| S11 0 | 106 | S108 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT | OR | ON | 2005/08/08 11:00 |
| S11 7 | 337 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((sequence near2 (value or number)) or counter) | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:37 |

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|----------|-------|--|---|-----|----|------------------|
| S11 8 | 48 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((sequence near2 (value or number)) or counter)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:37 |
| S11 9 | 5 | ((713/168-170,176,181, 201;380/262, 265;709/208;700/236, 241;705/400.ccls. and (message\$1 near5 authenticat\$3)) and ((hash\$3 or digest or sign\$5) with message\$1)) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) and ((center or central) near2 (control\$3 or manag\$5)) | US-PGPUB; USPAT | OR | ON | 2006/03/24 10:16 |
| S12 0 | 66 | "sequence number" with checksum with message\$1 | US-PGPUB; USPAT | OR | ON | 2005/08/08 10:57 |
| S12 1 | 171 | "sequence number" with (hash or mac or encrypt\$3) with message\$1 | US-PGPUB; USPAT | OR | ON | 2005/08/08 11:00 |
| S12 2 | 111 | S121 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT | OR | ON | 2005/08/08 11:00 |
| S12 4 | 10595 | message with (counter or (sequence adj number)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/08 11:52 |
| S12 5 | 454 | S124 and ((multiple or plural\$3 or each) near3 counter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/08 12:24 |
| S12 7 | 6 | S124 and ((maintain\$3 or keep\$3) near2 ((multiple or plural\$3 or each) near3 counter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 15:07 |
| S12 9 | 18 | S124 and (((multiple or plural\$3 or each) near3 counter) with ((each or different or multiple) near3 (client or user or receiver or recipient or request\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/17 17:33 |

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|----------|-----|--|---|-----|----|------------------|
| S13 1 | 346 | S125 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/08 12:24 |
| S13 2 | 18 | S125 and (((multiple or plural\$3 or each) near3 counter) with ((each or different or multiple or according\$2 or associated) near3 (client or user or receiver or recipient or request\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/08 12:50 |
| S13 3 | 20 | S125 and (((multiple or plural\$3 or each) near3 counter) with ((each or different or multiple or according\$2 or associated) near3 (client or user or receiver or recipient or request\$2 or transmitter))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/08 12:50 |
| S13 5 | 17 | ("5200950").URPN. | USPAT | ADJ | ON | 2005/08/08 13:43 |
| S14 5 | 129 | (counter or (sequence number)) near3 ((non\$1reset\$5) or (un\$1reset\$5) or ("not" near3 reset\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 11:01 |
| S14 6 | 3 | S145 and ((counter or (sequence number)) near4 message) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 11:01 |
| S14 7 | 113 | S145 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 11:06 |
| S14 8 | 16 | (server or center) near2 ((multiple or plural\$3 or each) near3 (counter or (sequence number))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 15:09 |
| S14 9 | 52 | (server or center) near5 ((multiple or plural\$3 or each) near3 (counter or (sequence number))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 15:09 |
| S15 0 | 31 | S149 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/09 15:09 |

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| S15 6 | 219 | ((sequence adj number) or counter) same (replay near3 (message or attack)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 18:00 |
| S15 7 | 16 | S156 and ((each or every or multiple or plural\$3) near2 ((sequence adj number) or counter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 17:56 |
| S15 8 | 1 | S156 and (((sequence adj number) or counter)) with ((each or specific) near3 (user or client or device or receiver or sender or transmitter or pair or entit\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 17:58 |
| S15 9 | 98 | ((sequence adj number) or counter) with (replay near3 (message or attack)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 18:01 |
| S16 0 | 42 | S159 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 18:01 |
| S16 1 | 3437 | 713/168-170,176,181;380/262, 265;709/208;700/236, 241;705/400.ccls. and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:52 |
| S16 2 | 86 | S161 and (message\$1 near5 (authentikat\$3 verif\$7 validat\$3)) same ((hash\$3 or digest or signature checksum crc) with message\$1) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:35 |
| S16 4 | 15 | S162 and (((hash\$3 or digest or signature checksum crc) with message\$1) same ((sequence near2 (value or number)) or counter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:33 |
| S16 5 | 20 | ("6061668").URPN. | USPAT | OR | ON | 2006/03/24 10:39 |

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| S16 6 | 1647 | 713/171;380/264,273,277-278, 281,284,44.ccls. and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 10:53 |
| S16 7 | 102 | S166 and ((key secret) near3 (renew\$3 chang\$3 deriv\$5 roll\$3 distribut\$3)) same ((hash\$3 encrypt\$3 function) with ((master long\$1term primary) near2 (key secret))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/24 14:30 |
| S16 8 | 62 | S166 and ((key secret) near3 (renew\$3 chang\$3 deriv\$5 roll\$3 distribut\$3)) with ((hash\$3 encrypt\$3 function) near4 ((master long\$1term primary) near2 (key secret))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:35 |
| S16 9 | 1 | ("4688250").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/24 12:40 |
| S17 0 | 16 | ("4688250").URPN. | USPAT | OR | ON | 2006/03/24 12:55 |
| S17 1 | 17 | S166 and (((((replac\$4 chang\$3 updat\$3 roll\$3) near3 key) rekey\$3) near5 (command instruction message operation)) same ((master long\$1term primary) near2 (key secret))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:36 |
| S17 2 | 6 | ("5720034").URPN. | USPAT | OR | ON | 2006/03/24 14:44 |
| S17 3 | 3667 | 713/168-170,176,181;380/262, 265;709/208;700/236, 241;705/400.ccls. and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:38 |
| S17 4 | 95 | S173 and (message\$1 near5 (authenticat\$3 verif\$7 validat\$3)) same ((hash\$3 or digest or signature checksum crc) with message\$1) and ((house\$1hold near2 appliance\$1) or (vend\$3 near2 machine or atm)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:33 |
| S17 5 | 15 | S174 and (((hash\$3 or digest or signature checksum crc) with message\$1) same ((sequence near2 (value or number)) or counter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:34 |

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| S17 6 | 1742 | 713/171;380/264,273,277-278, 281,284,44.ccls. and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:35 |
| S17 7 | 62 | S176 and ((key secret) near3 (renew\$3 chang\$3 deriv\$5 roll\$3 distribut\$3)) with ((hash\$3 encrypt\$3 function) near4 ((master long\$1term primary) near2 (key secret))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:36 |
| S17 8 | 17 | S176 and (((((replac\$4 chang\$3 updat\$3 roll\$3) near3 key) rekey\$3) near5 (command instruction message operation)) same ((master long\$1term primary) near2 (key secret))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:37 |
| S17 9 | 477 | (key near3 (generat\$3 updat\$3 roll\$3 renew\$3 deriv\$5)) same ((hash\$3 one\$1way encrypt\$3) with ((current old existing) near2 key)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:41 |
| S18 0 | 332 | (key near3 (generat\$3 updat\$3 roll\$3 renew\$3 deriv\$5)) same ((hash\$3 one\$1way encrypt\$3) near5 ((current old existing) near2 key)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 11:41 |
| S18 1 | 174 | (key near3 (generat\$3 updat\$3 roll\$3 renew\$3 deriv\$5)) with ((hash\$3 one\$1way encrypt\$3) near5 ((current old existing) near2 key)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 12:26 |
| S18 2 | 64 | S181 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 12:27 |
| S18 4 | 8 | (key near3 (generat\$3 updat\$3 roll\$3 renew\$3 deriv\$5)) with ((hash\$3 one\$1way encrypt\$3) near5 ((current old existing) near3 (session near key))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 12:27 |

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|----------|---|--|---|----|----|------------------|
| S18 5 | 2 | S184 and (@ad<"20001227" or @rlad<"20001227") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/14 12:27 |
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